

Attorney's Docket No. 033339/305722

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Vita et al.

Attn: DO/US

International Appl. No.: PCT/FR04/001698

International Filing Date: 07/01/2004

For: URANIUM-CHELATING PEPTIDES AND USES THEREOF

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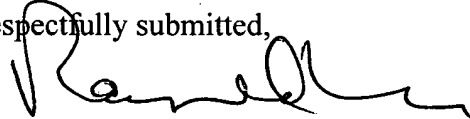
INFORMATION DISCLOSURE STATEMENT

Sir:

The patents listed on the attached PTO-1449 were cited in the International Search Report of corresponding International Application No. PCT/FR04/001698. A copy of the Search Report and documents cited therein are enclosed for the Examiner's convenience.

The Examiner may wish to consider the notations on the Search Report itself regarding the relevance of each item. It is requested that the Examiner consider these references and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,



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Janet F. Sherrill

Substitute for form 1449/PTO (Revised 07/2005) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/562,323
				Filing Date	
				First Named Inventor	Vita et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	033339/305722
OTHER DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	1	LE CLAINCHE et al., "Engineering new metal specificity in EF-hand peptides." JBIC JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, Vol. 8, no. 3, 11/20/2002, pp. 334-340.			
	2	FISCHER et al., "Multiple Divergent MRNAs Code for a Single Human Calmodulin", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, Vol. 263, no. 32, 11/15/1988, pp. 17055-17062			
	3	PROCYSHYN et al., "A structure/activity study of calcium affinity and selectivity using a synthetic peptide model of the helix-loop calcium-binding motif", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 269, no. 3, 1994, pp. 1641-1647.			
	4	MARSDEN et al., "Calcium Binding Proteins Elucidating the Contributions to Calcium Affinity from an Analysis of Species Variants and Peptide Fragments", BIOCHEMISTRY AND CELL BIOLOGY, Vol. 68, no. 3, 1990, pp. 587-601.			
	5	BENDER et al., "The Abundance of Calmodulin Messenger RNA is Regulated in Phosphorylase-Kinase Deficient Skeletal Muscle", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 263, no. 20, 1988, pp. 9733-9737.			
	6	RHYNER et al., "Structure of the Human Calm1 Calmodulin Gene and Identification of Two Calm1-Related Pseudogenes Calm1P1 and Calm1P2", EUROPEAN JOURNAL OF BIOCHEMISTRY, Vol. 225, 1994, pp. 71-82.			
	7	BUCHTA et al., "Peptides Related to the Calcium Binding Domains II and III of Calmodulin Synthesis and Calmodulin-Like Features", INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH, Vol. 28, no. 3, 1986, pp. 289-297.			
	8	BABU et al., "Structure of Calmodulin Refined at 2.2 A Resolution" JOURNAL OF MOLECULAR BIOLOGY, Vol. 204, no. 1, 1988, pp. 191-204.			
	9	WILSON et al., "The 1.0 A crystal structure of Ca ²⁺ -bound calmodulin: an analysis of disorder and implications for functionally relevant plasticity", JOURNAL OF MOLECULAR BIOLOGY, Vol. 301, no. 5, 09/01/2000, pp. 1237-1256.			
	10	REID, R.E., "Synthetic Fragments of Calmodulin Calcium-Binding Site III a Test of the Acid Pair Hypothesis", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 265, no. 11, 1990, pp. 5971-5976.			
	11	"The EF-hand Calcium-binding Proteins Data Library", Online at http://structbio.vanderbilt.edu/cabp_database/ , 01/17/2005.			
	12	MCCORMACK et al., "Calmodulins and related potential calcium sensors of Arabidopsis", NEW PHYTOLOGIST, Vol. 159, no. 3, September 2003, pp. 585-598.			
Examiner Signature				Date Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	13	BERTINI et al., "Tuning the affinity for lanthanides of calcium binding proteins", BIOCHEMISTRY, Vol. 42, no. 26, pp. 8011-8021.			
	14	BHATTACHARYA et al., "Target selectivity in EF-hand calcium binding proteins", BIOCHIMICA ET BIOPHYSICA ACTA., 12/06/2004, Vo. 1742, no. 1-3, pp. 69-79.			
	15	FINN et al., "The evolving model of calmodulin structure, function and activation", STRUCTURE, CURRENT BIOLOGY LTD., Vol. 3, no. 1, 01/1995, pp. 7-11			
	16	NELSON et al., "Structures of EF-hand Ca ²⁺ -binding proteins: Diversity in the organization, packing and response to Ca ²⁺ binding", BIOMETALS, Vol. 11, no. 4, December 1998, pp. 297-318.			
	17	REID et al., "Engineering magnesium selectivity in the helix-loop-helix calcium-binding motif", ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, Vol. 323, no. 1, 1995, pp. 115-119.			
	18	DATABASE SWISSPROT 'en ligne' 03/15/2004, "Calmodulin"			
	19	BABU et al., "Structure of Calmodulin Refined at 2.2 Å Resolution", JOURNAL OF MOLECULAR BIOLOGY, Vol. 204, no. 1, 1988, pp. 191-204.			

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